

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number
WO 2004/010353 A1

(51) International Patent Classification⁷: **G06F 17/60**

(21) International Application Number:
PCT/IB2003/003064

(22) International Filing Date: 10 July 2003 (10.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02078013.6 24 July 2002 (24.07.2002) EP

(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VAN LUIJT, Balthasar, A., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KALKER, Antonius, A., C., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HAITSMA, Jaap, A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: **GROENENDAAL, Antonius, W., M.**; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

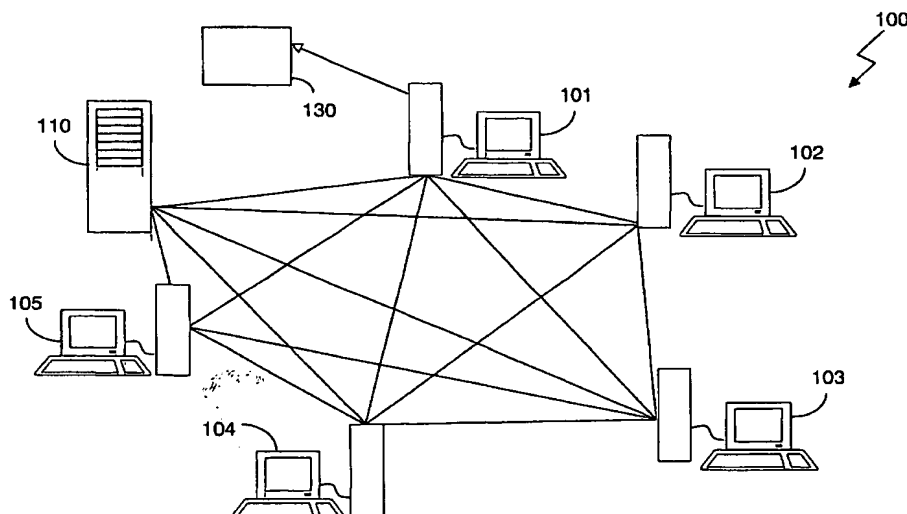
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR REGULATING FILE SHARING



(57) Abstract: A method of regulating sharing of a multimedia object (200) by a device (100), comprising registering usage information for the multimedia object (200) upon sharing of the multimedia object (200), and after the registering, billing a user of the device (100) for a certain amount in accordance with the registered usage information for the multimedia object (200). Registration preferably takes place in a client (101) arranged for sharing of the multimedia object (200). The usage information could for instance comprise the number of times a multimedia object has been shared, or the duration of the object. If a sufficient number of objects have been shared, or if the total time exceeds a maximum, the client (101) reports the usage information to a third party (130) for billing purposes.



CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03064

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/052885 A1 (LEVY KENNETH L) 2 May 2002 (2002-05-02) paragraph '0014! - paragraph '0016! paragraph '0032! - paragraph '0041! paragraph '0045! - paragraph '0049! paragraph '0063! - paragraph '0066! ---	1-12
X	WO 00 72119 A (RABIN MICHAEL O ;SHASHA DENNIS E (US)) 30 November 2000 (2000-11-30) page 5, line 12 -page 6, line 28 page 23, line 11 -page 24, line 6 figure 2 --- -/--	1-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

25 November 2003

Date of mailing of the international search report

03/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Papastefanou, E

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03064

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03, 31 March 1999 (1999-03-31) & JP 10 320070 A (HITACHI LTD), 4 December 1998 (1998-12-04) abstract -----	1, 3, 12
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 149848 A (SONY COMMUNICATION NETWORK CORP), 24 May 2002 (2002-05-24) abstract -----	1, 3, 12

INTERNATIONAL SEARCH REPORT

PCT/IB 03/03064

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002052885	A1	02-05-2002	AU 7704701 A	05-02-2002
			CA 2416530 A1	31-01-2002
			EP 1311973 A1	21-05-2003
			WO 0208945 A1	31-01-2002
			US 2002033844 A1	21-03-2002
			AU 9082201 A	26-03-2002
			AU 9265901 A	26-03-2002
			WO 0223468 A1	21-03-2002
			WO 0223905 A1	21-03-2002
			US 2002031240 A1	14-03-2002
			US 2002076083 A1	20-06-2002
			US 2002076084 A1	20-06-2002
			AU 3281702 A	01-07-2002
			AU 4745701 A	03-10-2001
			EP 1266475 A1	18-12-2002
			JP 2003528538 T	24-09-2003
			WO 0171960 A1	27-09-2001
			WO 0251063 A1	27-06-2002
			US 2002126872 A1	12-09-2002
			US 2003012548 A1	16-01-2003
			US 2002118394 A1	29-08-2002
			US 2002120839 A1	29-08-2002
			US 2001037313 A1	01-11-2001
			US 2001054150 A1	20-12-2001
WO 0072119	A	30-11-2000	AU 4813700 A	12-12-2000
			CA 2368861 A1	30-11-2000
			CN 1361882 T	31-07-2002
			EP 1180252 A2	20-02-2002
			JP 2003500722 T	07-01-2003
			WO 0072119 A2	30-11-2000
JP 10320070	A	04-12-1998	NONE	
JP 2002149848	A	24-05-2002	NONE	